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jc860 U.S. PTO



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PTO/SB/29 (12/97)

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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 9046-044-999 Total Pages 44

First Named Inventor or Application Identifier

ChangSheng LIU

Express Mail Label No. Hand Carry

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

1. ☒ Fee Transmittal Form  
Submit an original, and a duplicate for fee processing)
2. ☒ Specification [Total Pages 25]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R&D
  - Reference to Microfiche Appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description of the Invention (including drawings, if filed)
  - Claim(s)
  - Abstract of the Disclosure
3. Drawing(s) (35 USC 113) [Total Sheets 16]
4. ☒ Oath or Declaration [Total Sheets 2]
  - ☒ Unexecuted
5. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)  
[Note Box 5 below]
  - i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).
5. Incorporation By Reference  
The entire disclosure of the prior application is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein: provisional application no. 60/209,588 filed on June 6, 2000.

6. ☐ Microfiche Computer Program (Appendix)
7. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a. ☐ Computer Readable Copy
  - b. ☐ Paper Copy (identical to computer copy)
  - c. ☐ Statement verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

8. ☐ Assignment Papers (cover sheet & document(s))
9. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
10. ☐ English Translation Document (if applicable)
11. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations
12. ☐ Preliminary Amendment
13. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
14. ☒ Applicant claims Small Entity status, see 37 C.F.R. § 1.27
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  
☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: filed .

## 18. CORRESPONDENCE ADDRESS

Customer Number: 20582



or ☐ Correspondence address below

NAME			
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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

**PENNIE & EDMONDS LLP**

COUNSELLORS AT LAW

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ATTORNEY DOCKET NO. 9046-044-999

Date: June 6, 2001

Assistant Commissioner for Patents  
**Box PATENT APPLICATION**  
Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): ChangSheng LIU  
Kevin LE VAN

Executed on:

Title of Invention: **MULTIDIMENSIONAL SEPARATIONS EMPLOYING  
AN ARRAY OF ELECTROPHORESIS CHANNELS**

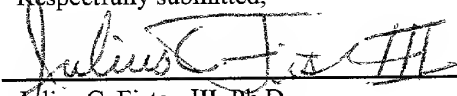
**PATENT APPLICATION FEE VALUE**

TYPE	NO. FILED	LESS	EXTRA	EXTRA RATE	FEE
Total Claims	27	-20	7	\$18.00 each	\$ 126.00
Independent	8	-3	5	\$80.00 each	\$ 400.00
Minimum Fee					\$ 710.00
Multiple Dependency Fee If Applicable (\$270.00)					\$ 0.00
<b>Total</b>					\$ 1,236.00
50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern (a verified statement as to the applicant's status is attached)					- \$ 618.00
<b>Total Filing Fee</b>					\$ 618.00

- ☐ **DO NOT PUBLISH.** I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-1150. A copy of this sheet is enclosed.

Respectfully submitted,

  
Julius C. Fister, III, Ph.D.  
For: Samuel B. Abrams

Reg. No. 46,702  
Reg. No. 30,605

**PENNIE & EDMONDS LLP**

Enclosures